

**KARNAK****Product Information: MSDS**

## M A T E R I A L   S A F E T Y   D A T A   S H E E T

Rubberized Flashing Cement-Asbestos Free

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PRODUCT NAME: Rubberized Flashing Cement-Asbestos Free  
 PRODUCT CODE: #19 Ultra

HMIS CODES: H F R P

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: KARNAK CORPORATION  
 ADDRESS : 330 CENTRAL AVE.  
 CLARK, N.J. 07066

EMERGENCY PHONE : (800)424-9300      DATE PRINTED : 11/12/97  
 INFORMATION PHONE : (732)388-0300      NAME OF PREPARER : N/A

## ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT
ASPHALT	8052-42-4	50-60
OSHA PEL: 5 MG/M3, ACGIH TLV: 5 MG/M3, OTHER: N/A		
PETROLEUM HYDROCARBONS	64742-95-6	15-25
OSHA PEL: 100 PPM, ACGIH TLV: 100 PPM		
ATTAPULGITE CLAY	12174-11-7	10-20
OSHA PEL: N/A, ACGIH TLV: 5 MG/M3, OTHER: N/A		
* 1,2,4-TRIMETHYLBENZENE	95-63-6	7
OSHA TWA: 25 PPM, ACGIH TWA: 25 PPM		
CELLULOSE FIBERS	9004-34-6	2-7
OSHA PEL: 5 MG/M3, ACGIH TLV: 5 MG/M3, OTHER: N/A		
STYRENE-BUTADIENE BLOCK COPOLYMER	9003-55-8	2-7
OSHA PEL: N/A, ACGIH TLV: N/A, OTHER: N/A		
* XYLENE	1330-20-7	3
OSHA TWA: 100 PPM, OSHA STEL: 150 PPM		
ACGIH TWA: 100 PPM, ACGIH STEL: 150 PPM		
* CUMENE	98-82-8	1
OSHA TWA: 50 PPM (SKIN), ACGIH TWA: 50 PPM (SKIN)		
ACTIVE CATIONIC SALT	28701-67-9	.5-3
OSHA PEL: N/A, ACGIH TLV: N/A, OTHER: N/A		
ETHYLBENZENE	100-41-4	< 1
OSHA TWA: 100 PPM, OSHA STEL: 125 PPM		
ACGIH TWA: 100 PPM, ACGIH STEL: 125 PPM		
POLYALICYCLIC RESIN	69430-35-9	< 1
OSHA PEL: N/A, ACGIH TLV: N/A, OTHER: N/A		
ALIPHATIC POLYAMIDES	TRADE SECRET	< 1
OSHA PEL: N/A, ACGIH TLV: N/A, OTHER: N/A		

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 315 F                      SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.03  
VAPOR DENSITY: HEAVIER THAN AIR        EVAPORATION RATE: SLOWER THAN ETHER  
SOLUBILITY IN WATER: NEGLIGIBLE.  
APPEARANCE AND ODOR: BLACK PASTE, MILD SOLVENT ODOR.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 107 F METHOD USED: PMCC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1 UPPER: 6

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES  
POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND STRUCTURAL  
FIREFIGHTERS PROTECTIVE CLOTHING WILL PROVIDE LIMITED PROTECTION.

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UNUSUAL FIRE AND EXPLOSION HAZARDS  
FLAMMABLE/COMBUSTIBLE MATERIAL; MAY BE IGNITED BY HEAT, SPARKS OR FLAMES.  
VAPORS MAY TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY  
EXPLODE IN HEAT OF FIRE. VAPOR EXPLOSION HAZARD INDOORS, OUTDOORS OR  
IN SEWERS. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE  
CONDITIONS TO AVOID  
EXTREME HEAT, OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID)  
ISOLATE FROM OXIDIZERS, HEAT AND OPEN FLAME.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS  
FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL OR RESPIRATORY IRRITATION,  
DIZZINESS, FATIGUE, NAUSEA, HEADACHE, AND POSSIBLE UNCONSCIOUSNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE SKIN - PROLONGED OR  
REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

## HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE - HEADACHE, DIZZINESS, NAUSEA, IRRITATION. CHRONIC - LOSS OF APPETITE, NOSE BLEEDS.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No  
N/A

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PRE-EXISTING EYE, SKIN, OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

## EMERGENCY AND FIRST AID PROCEDURES

MOVE VICTIM TO FRESH AIR AND CALL EMERGENCY MEDICAL CARE; IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION; IF BREATHING IS DIFFICULT, GIVE OXYGEN. IN CASE OF CONTACT WITH MATERIAL, IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES. WASH SKIN WITH SOAP AND WATER. REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES AT THE SITE.

## ===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL LEAKS: TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. LARGE LEAKS: DIKE FAR AHEAD OF LIQUID SPILL FOR LATER DISPOSAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK.

WASTE DISPOSAL METHOD INCINERATE UNDER SAFE CONDITIONS OR DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT BREATHE VAPORS, USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. DON'T GET IN EYES. WEAR IMPERVIOUS CLOTHING. KEEP AWAY FROM HEAT AND FLAME.

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## OTHER PRECAUTIONS

SHUT OFF IGNITION SOURCES; NO FLAMES, SMOKING OR FLAMES IN HAZARD AREA.

## ===== SECTION VIII - CONTROL MEASURES =====

## RESPIRATORY PROTECTION

WEAR RESPIRATOR IN CONFINED AREA.

## VENTILATION

LOCAL EXHAUST RECOMMENDED.

## PROTECTIVE GLOVES

NORMAL WORK GLOVES.

## EYE PROTECTION

SAFETY GLASSES OR GOGGLES.

## OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE BATH AND SAFETY SHOWER.

## WORK/HYGIENIC PRACTICES

WASH HANDS BEFORE EATING OR USING RESTROOM. SMOKE ONLY IN APPROVED AREAS.

## ===== SECTION IX - DISCLAIMER =====

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